Physical\_Data\_Model\_03;9 Observations Segregated by Physical Element

		Location	GeoArea		
Agricultural	Discharge	Evaporation	FishCount	GateDam	Ground
		1	1		
Height	Ice	Lake	Moisture	Power	Precip
Pressure	Radiation	Snow	Temperature	WaterQuality	Weather
					•
Wind	YUnique	PairedValue			

[NOTE: Normally, all 21 of these observation data tables would have foreign key connections on their "lid" fields pointing back to the 'lid" field in the Location table. Because some of these data types (e.g.., Evaporation, Precip, Snow, Temperature) might be for areas in addition to station locations, one cannot reliably enforce foreign keys back to the Location table. For consistency, index space saving, and the fact that it is essentially impossible to populate these tables without corresponding stations and areas defined, all of these foreign keys were dropped beginning with the IHFS V2.0.]